

(12) UK Patent Application (19) GB (11) 2 353 498 (13) A

(43) Date of A Publication 28.02.2001

(21) Application No 0014989.8

(22) Date of Filing 19.06.2000

(30) Priority Data
(31) 9914273 (32) 18.06.1999 (33) GB

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(51) INT CL⁷
B42D 15/00, G09F 3/02

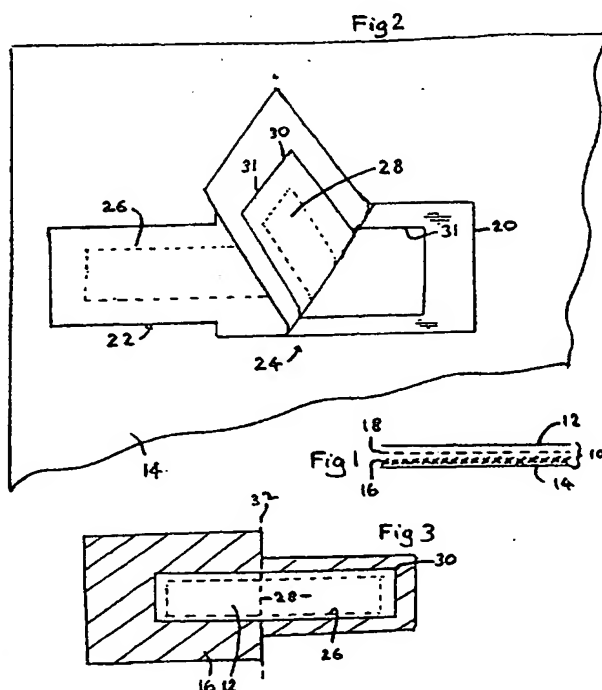
(52) UK CL (Edition S)
B6A ADE A300 A308
B8F FBG F25

(56) Documents Cited
GB 2331270 A GB 2257657 A GB 2248598 A
GB 2222571 A

(58) Field of Search
UK CL (Edition R) B6A ADE A26T, B8F FBG
INT CL⁷ B42D 15/00, G09F 3/02
Online databases: EPODOC, JAPIO, WPI

(54) Abstract Title
Stationery item for carrying secure data

(57) A laminate 10 has a printable front face sheet 12 (having a silicone release coating 18) and a rear face sheet 14 adhered together by a layer of adhesive 16 (Fig 1). A first cut 20 (Fig 2) extends only through the rear face sheet 14 and defines a tongue 22 leading to a larger rectangular portion 24. Within the outline of the first cut 20 there is a line of perforations 26 extending through both face sheets 12, 14 which defines a data portion 28. On the front side of the laminate there is a cut 30 which extends only through the first face sheet 12 and defines a rectangle 31 which is larger than the data receiving portion 28 and wholly within the first cut 20. The portion of the second face sheet 14 within the cut 20 can be peeled off carrying the cut-out portion of the first face sheet 12 (Fig 3). The tongue 22 is folded over about a fold line 32 to encapsulate the data portion 28 in a sealed pouch. This has a border with exposed adhesive 16 by means of which it can be adhered to an article. The stationery item may be used as a security label or as a secure enclosure such as pay slips.



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Fig 2

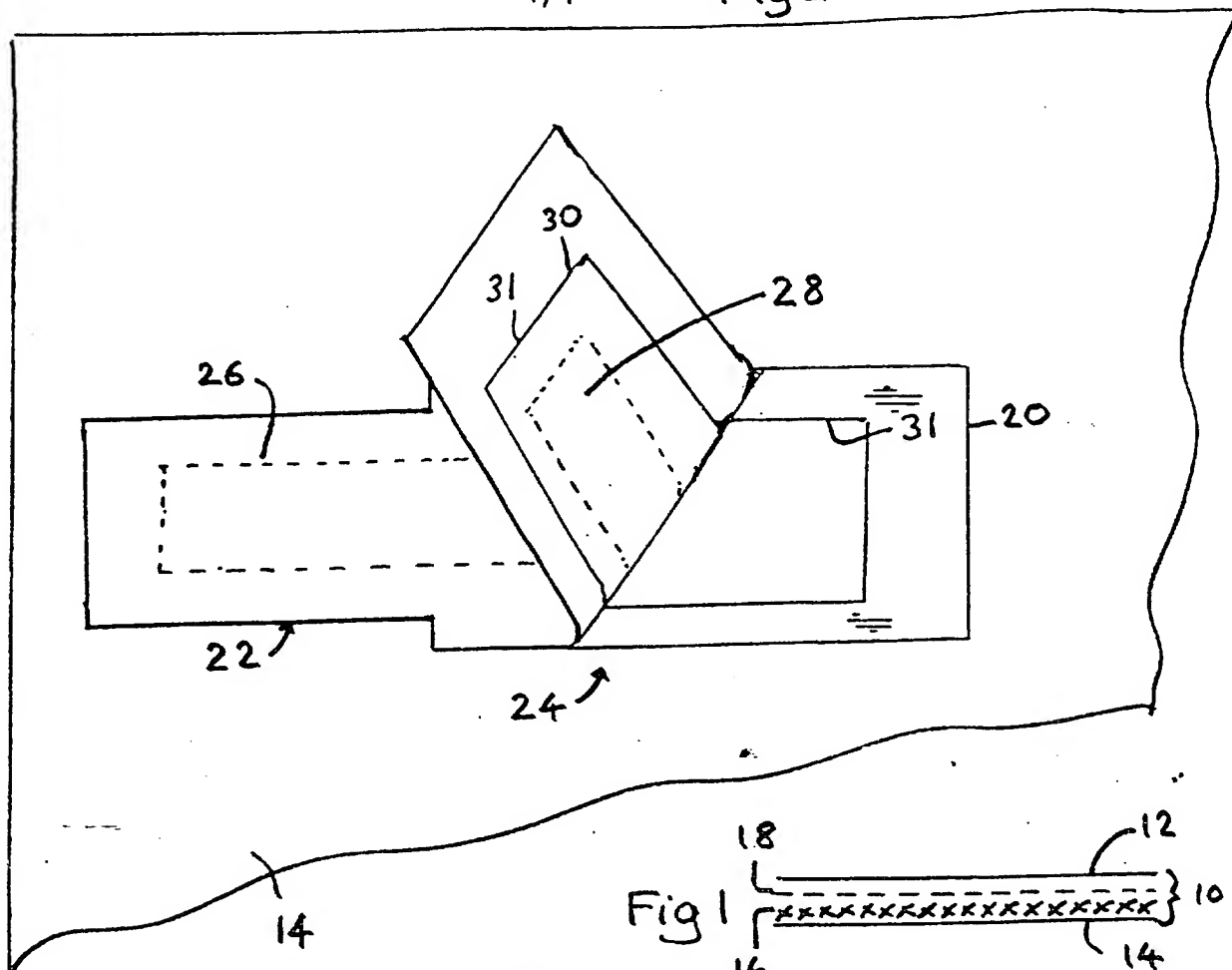


Fig 1

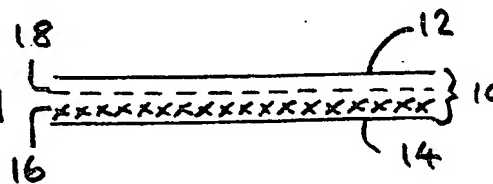


Fig 3

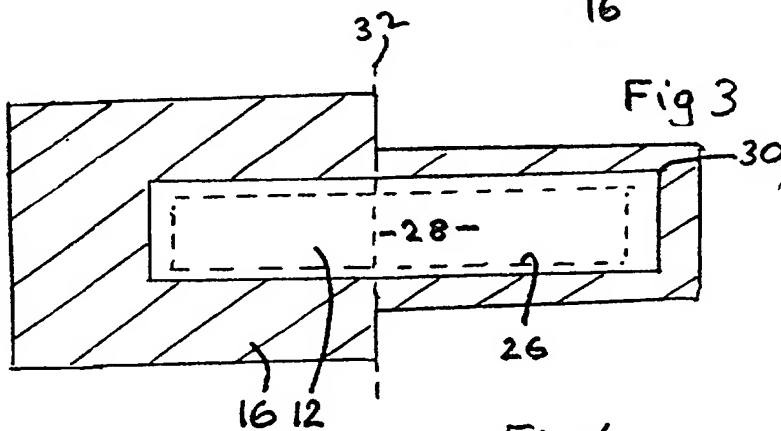


Fig 4

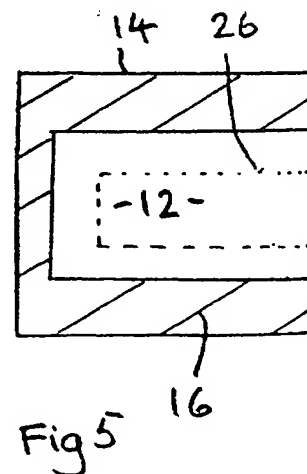
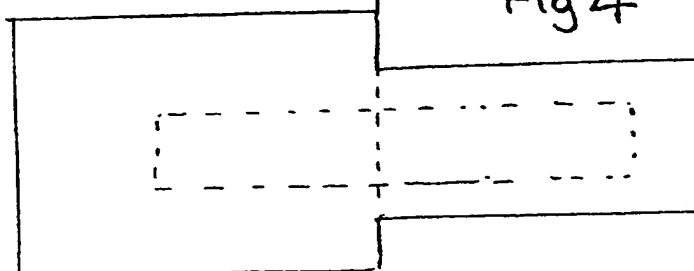


Fig 5

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STATIONERY

The present invention relates to items of stationery and processes for their preparation. It particularly relates to stationery items for carrying secure data, such as security labels and secure enclosures such as pay slips.

In a first aspect there is provided a method of producing a stationery item having the following steps whose order may be varied. (a) A web is provided having a printable first face sheet, and a second face sheet carrying an adhesive layer, and wherein the first and second face sheets are peelably connected such that the first sheet can be peeled away, leaving adhesive on the second sheet. Thus there may be release means interposed between the adhesive layer and the first face sheet.

(b) Data are recorded on a first data portion of the first face sheet, on the face remote from the second face sheet. (c) The data portion is delimited by a line of weakness, e.g. perforation, extending through both face sheets. (d) A first cut is produced in the first face sheet (only), surrounding the line of weakness. (e) A second cut is provided in the second face sheet (only) surrounding the first cut, to define a separable web portion. (f) The separable web portion is peeled away from the rest of the web, the peeled away portion

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consisting of the portion of the second face sheet within the second cut, and attached thereto, a portion of the first face sheet within the first cut. (g) The web portion is then folded so that the portion of the first face sheet is folded over on itself, and surrounding portions of the second face sheet are brought into contact, adhesive to adhesive.

In one type of embodiment, the second cut is shaped to produce a smaller portion and a larger portion of the second face sheet such that the step of folding leaves part of the adhesive-bearing face of the larger portion still uncovered. This can then be used to adhere the assembly, e.g. to an envelope or other package.

Ultimately, the data can be read by tearing free the data bearing portion, by tearing along the line of perforation.

In a second aspect the invention provides a web having first and second face sheets, and adhesive layer and release means arranged as defined above, and having at least one separable web portion constituting a data portion defined by means of a line of weakness, and first and second cuts as defined above.

An embodiment of the invention will now be described in greater detail, with reference to the accompanying drawings, in which:

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Fig 1 is a schematic side view of a web for use in the invention;

Fig 2 is a front view of an embodiment of the invention, showing a web portion being peeled away;

5 Fig 3 is a view of one side of the web portion;

Fig 4 is a view of the other side of the web portion; and

Fig 5 shows the web portion folded over to produce a label.

10 Fig 1 shows a web 10 having a printable face sheet 12 (generally of paper) and a rear face sheet 14 (which may also be of paper). They are adhered together by means of a layer of adhesive 16. However the front sheet 12 is formed as a release paper, e.g. having been treated
15 with a silicone release agent 18. The adhesive 16 may be a security adhesive such that when it bonds fully, separation of the bonded parts is impossible without substantial destruction and/or other evidence of tampering.

20 Fig 2 shows the rear face 14 of a web as shown in Fig 1. This has a cut 20 which extends through the rear face sheet 14 but not through the front face sheet 12. It defines a web portion having a small rectangular portion or tongue 22 leading to a larger rectangular
25 portion 24, of greater width and length. Within the

outline of the cut, there is a line of perforation 26, extending through both face sheets 12,14. This defines an elongate rectangular data receiving portion 28. On the front side of the web, there is a cut 30 which
5 extends through the first face sheet but not through the second face sheet. It defines a rectangle 31 which is slightly larger than the data receiving portion 28. It is wholly within the cut 20 in the second face sheet 14.

Thus, as shown in Fig 2, starting from the rear side
10 of the web, it is possible to peel off the portion of the second face sheet 14 within the cut 20. This carries with it the cut out portion of the first face sheet 12 delimited by the cut 30. The result, as shown in Fig 3, is a web portion in which there is an "island" of the
15 first face sheet 12 in the middle of the portion of the second face sheet, the surrounding portions of the second face sheet having exposed adhesive 16. Thus folding the "tongue" 22 over, about a fold line 32 encapsulates the portion of the first face sheet in a sealed pouch formed
20 from the second face sheet. Since, in this embodiment, the two portions 22, 24 of the rear face sheet are unequal, the pouch has a border with exposed adhesive 16, by means of which it can be adhered to an article. It is adhered only on three sides, so that it is possible to
25 gain access to the folded-over edge portion of the data

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bearing portion 12, and tear it free along the line of perforation 26.

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CLAIMS

1. A method of producing a stationery item having the following steps: (a) providing a web having a
5 printable first face sheet, and a second face sheet carrying an adhesive layer, wherein the first and second face sheets are peelably connected such that the first sheet can be peeled away, leaving adhesive on the second
10 sheet; (b) recording data on a first data portion of the first face sheet, on the face remote from the second face sheet; (c) delimiting the data portion by a line of weakness affecting both face sheets; (d) producing a first cut in the first face sheet (only), surrounding the
15 line of weakness; (e) producing a second cut in the second face sheet (only) surrounding the first cut, to define a separable web portion; (f) peeling away the separable web portion from the rest of the web, the peeled away portion consisting of the portion of the second face sheet within the second cut, and attached
20 thereto, a portion of the first face sheet within the first cut; and (g) folding the web portion so that the portion of the first face sheet is folded over on itself, and surrounding portions of the second face sheet are brought into contact, adhesive to adhesive.

25
2. A method according to claim 1 wherein the second cut is shaped to produce a smaller portion and a

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larger portion of the second face sheet such that the step of folding leaves part of the adhesive-bearing face of the larger portion still uncovered.

5 3. A method according to claim 2 including a further step of using said still uncovered adhesive to adhere the assembly to a substrate.

10 4. A method according to any preceding claim having a subsequent step of exposing the data by tearing free the data bearing portion, by tearing along the line of weakness..

15 5. A method of producing a stationery item substantially as herein described with reference to and as illustrated in the accompanying drawings.

20 6. A web having first and second face sheets, an adhesive layer and release means arranged so that the first and second face sheets are peelably connected such that the first sheet can be peeled away, leaving adhesive on the second sheet; and having at least one separable web portion constituting a data portion defined by means of a line of weakness affecting both face sheets, a first cut in the first face sheet (only), surrounding the line
25 of weakness, and a second cut in the second face sheet (only) surrounding the first cut.

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7. A web according to claim 6 as produced by the method of any of claims 1-5.

5 8. A web according to claim 6 or claim 7 which provides a security label.

9. A security label web such as herein described with reference to and as illustrated in the accompanying drawings.

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Application No: GB 0014989.8
Claims searched: 1-9

Examiner: Graham Russell
Date of search: 20 December 2000

Patents Act 1977 Search Report under Section 17

Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK Cl (Ed.R): B6A (ADE, A26T); B8F (FBG)

Int Cl (Ed.7): B42D 15/00; G09F 3/02

Other: Online: EPODOC, JAPIO, WPI

Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
A	GB 2331270 A (DOCUMOTION) see Figs 2 & 3	
A	GB 2257657 A (WADDINGTONS) see Figs 1 & 2	
A	GB 2248598 A (ZAMPOGNA) see Figs 2-4	
A	GB 2222571 A (KENRICK & JEFFERSON) see Figs 1-4 & page 2 line 1 - page 3 line 2	

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.

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